



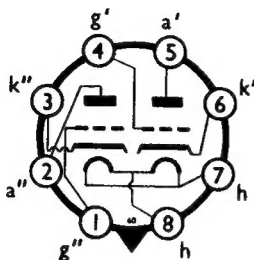
DOUBLE TRIODE

6.3V INDIRECTLY HEATED

A1834

APRIL, 1953

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside
of base

Base : International octal

Bulb : Dome top pear

Overall length : 140 max. mm.

Seated length : 107 max. mm.

Diameter : 50 max. mm.

RATINGS

V_h	6.3	V
I_h	2.5	A
v_{h-k} (pk)	300 max.	V
Per system		
V_a	250 max.	V
P_a	13 max.	W
μ	2.1	
r_a	280	Ω
g_m	7.5	mA/V

at V_a (b) = 135
 I_a = 125 mA

TYPICAL OPERATION

D.C. Amplifier (values per system)

	Max. rating	Typical operation	
V_a (b)	250	135	V
I_a	125	125	mA
P_a	13		W
R_k		250	Ω
R_{gk}		1	M Ω

Scanning Booster (Max. ratings per system)

PIV*	1.7	kV
v_{h-k} (pk)	300	V
I_a	125	mA
P_a	13	W

* Duration of PIV limited to 10 μ s and should not exceed 15% of scanning cycle.

The maximum permissible D.C. resistance between grid and cathode is limited to 1 M Ω with auto-bias. Fixed bias operation is not recommended.

MOUNTING

Any position.

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